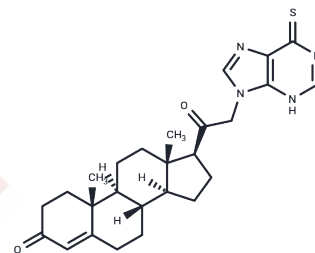


NSC114792

## Chemical Properties

CAS No. : 17392-79-9  
 Formula: C<sub>26</sub>H<sub>32</sub>N<sub>4</sub>O<sub>2</sub>S  
 Molecular Weight: 464.62  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	NSC114792 is a selective JAK3 inhibitor.
Targets(IC50)	Apoptosis,Others,JAK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1523 mL	10.7615 mL	21.523 mL
5 mM	0.4305 mL	2.1523 mL	4.3046 mL
10 mM	0.2152 mL	1.0761 mL	2.1523 mL
50 mM	0.043 mL	0.2152 mL	0.4305 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Kim BH, Jee JG, Yin CH, Sandoval C, Jayabose S, Kitamura D, Bach EA, Baeg GH. NSC114792, a novel small molecule identified through structure-based computational database screening, selectively inhibits JAK3. Mol Cancer. 2010 Feb 11;9:36. doi: 10.1186/1476-4598-9-36. PubMed PMID: 20149240; PubMed Central PMCID: PMC2830973.

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